

What is claimed is:

1. A color management method for managing print colors in a prepress printing system having a plurality of printers, the color management method comprising:

a printing step of printing a predetermined color chart from each of the plural printers based on same image data representing the color chart;

a color measurement step of generating multiple sets of color measurement data by measuring the print colors in the prints acquired by printing the color chart;

an averaging step of generating average color measurement data by averaging corresponding color measurement value in the multiple color measurement data sets; and

a profile generation step of generating a common profile applied to each of the plural printers as a profile describing color reproduction by the plural printers based on the average color measurement data;

wherein the common profile is used for color correction of image data to be printed in the prepress printing system.

2. A color management method according to claim 1, further comprising a display step of presenting color measurement results described by the multiple sets of color measurement data generated in the color measurement step;

wherein in the profile generation step the common profile is generated based on the average color measurement data when an operator determines based on the color measurement results presented in the display step that reprinting the color chart is unnecessary.

3. A color management method according to claim 1, wherein in the printing step the color chart is printed at multiple different times from each of the plural printers based on the same image data; and

in the color measurement step the multiple sets of color measurement data are generated by measuring the printed color charts printed at the multiple different times by each of the plural printers.

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4. A color management method for managing print colors in a prepress printing system using a profile of color reproduction by a printer, the color management method comprising:

10 a printing step of printing a predetermined color chart at multiple different times from a same printer based on same image data representing the color chart;

a color measurement step of generating multiple sets of color measurement data by measuring print colors in multiple prints acquired by printing the color chart;

15 an averaging step of generating average color measurement data by averaging corresponding color measurement values in the multiple color measurement data sets; and

20 a profile generation step of generating a profile describing color reproduction by said printer based on the average color measurement data;

wherein the profile is used for color correction of image data to be printed in the prepress printing system.

5. A color management system for managing print colors in a prepress printing system having a plurality of printers, comprising:

30 a color measurement means for generating multiple sets of color measurement data by measuring the print colors in a plurality of prints printed by the plural printers based on same image data representing a predetermined color chart;

an averaging means for generating average color measurement data by averaging corresponding color measurement values in the multiple color measurement data sets; and

35 a profile generation means for generating a common profile applied to each of the plural printers as a profile describing

color reproduction by the plural printers based on the average color measurement data;

wherein the common profile is used for color correction of image data to be printed in the prepress printing system.

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6. A color management system according to claim 5; further comprising a display means for presenting the color measurement results described by the multiple sets of color measurement data generated by the color measurement means.

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7 A color management system for managing print colors in a prepress printing system using a profile of color reproduction by a printer, comprising:

15 a color measurement means for generating multiple sets of color measurement data by measuring print colors in multiple prints printed at multiple different times by a same printer based on same image data representing a predetermined color chart;

20 an averaging means for generating average color measurement data by averaging corresponding color measurement values in the multiple color measurement data sets; and

a profile generation means for generating a profile describing color reproduction by said printer based on the average color measurement data;

25 wherein the profile is used for color correction of image data to be printed in the prepress printing system.

8. A profile generator for generating a profile describing color reproduction by a printer in a prepress printing system, comprising:

30 an averaging means for receiving multiple color measurement data sets acquired from multiple prints printed from same image data representing a predetermined color chart, and generating average color measurement data by averaging corresponding color measurement values in the multiple color measurement data sets; and

a profile generation means for generating the profile based on the average color measurement data.

5 9. A profile generation method for generating a profile describing color reproduction of a printer in a prepress printing system, comprising:

10 an averaging step of receiving multiple color measurement data sets for multiple prints printed from same image data representing a predetermined color chart, and generating average color measurement data by averaging corresponding color measurement values in the multiple color measurement data sets; and

15 a profile generation step of generating the profile based on the average color measurement data.

10. A program for generating a profile describing color reproduction of a printer in a prepress printing system, the program, when executed by a computer, causing the computer to perform:

20 an averaging step of receiving multiple color measurement data sets for multiple prints printed from same image data representing a predetermined color chart, and generating average color measurement data by averaging corresponding color measurement values in the multiple color measurement data sets; and

25 a profile generation step of generating the profile based on the average color measurement data.